

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/US2004/041721

 A. CLASSIFICATION OF SUBJECT MATTER
 A01K67/027

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A01K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, Sequence Search, WPI Data, PAJ, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99/14328 A (GENENTECH, INC; WOOD, WILLIAM, I; GURNEY, AUSTIN, L; GODDARD, AUDREY;) 25 March 1999 (1999-03-25) the whole document page 20; figures 45,46; example 20	1-149

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"Z" document member of the same patent family

Date of the actual completion of the international search

16 September 2005

Date of mailing of the international search report

07.04.06

Name and mailing address of the ISA

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Sprinks, M



European Patent
Office

EUROPEAN SEARCH REPORT
under Rule 112 EPC

Application Number
EP 04 81 3966

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
	On request of the applicant the present search report has been drawn up for all claims relating to invention 4		INV. A01K67/027
X	DATABASE EMBL [Online] 9 October 2003 (2003-10-09), "Homo sapiens clone DNA203528 GPR113 (UNQ9196) mRNA, complete cds." XP002446765 retrieved from EBI accession no. EMBL:AY358172 Database accession no. AY358172 *100% identical to PR034000 of present application*	1-37	
X	& CLARK H F ET AL: "THE SECRETED PROTEIN DISCOVERY INITIATIVE (SPDI), A LARGE-SCALE EFFORT TO IDENTIFY NOVEL HUMAN SECRETED AND TRANSMEMBRANE PROTEINS: A BIOINFORMATICS ASSESSMENT" GENOME RESEARCH, COLD SPRING HARBOR LABORATORY PRESS, WOODBURY, NY, US, vol. 13, 2003, pages 2265-2270, XP001189293 ISSN: 1088-9051	1-37	TECHNICAL FIELDS SEARCHED (IPC) A01K
X	WO 02/053593 A (TAKEDA CHEMICAL INDUSTRIES LTD [JP]; MIWA MASANORI [JP]; ITO TAKASHI [J]) 11 July 2002 (2002-07-11) * the whole document * * sequences 1,2 * *See particularly passages relating to transgenic animals*	1-37	
L	& US 2004/067553 A1 (MIWA MASANORI [JP] ET AL) 8 April 2004 (2004-04-08) Cited for translation purposes	1-37	
-/--			
Place of search Munich		Date of completion of the search 14 August 2007	Examiner Sprinks, Matthew
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background D : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

4
EPC FORM 1501/02 (P/0404)



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EUROPEAN SEARCH REPORT
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Application Number
EP 04 81 3966

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 01/87932 A (LEXICON GENETICS INC [US]) 22 November 2001 (2001-11-22) * the whole document * * sequences 1-4 * *See particularly passages relating to transgenic animals* -----	1-37	
			TECHNICAL FIELDS SEARCHED (IPC)
Place of search Munich		Date of completion of the search 14 August 2007	Examiner Sprinks, Matthew
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

4
EPO FORM 1503 (03.08.2004)